

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/05932

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N7/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | DE 198 29 855 A (SAMSUNG ELECTRONICS CO LTD) 10 June 1999 (1999-06-10)<br>abstract<br>column 1, line 30 - column 1, line 45<br>column 2, line 15 - column 2, line 43<br>column 3, line 66 - column 4, line 49 | 1-31                  |
| X          | EP 1 054 563 A (KYOCERA CORP)<br>22 November 2000 (2000-11-22)<br>column 1, line 56 - column 3, line 26<br>column 5, line 39 - column 6, line 57  | 1-31                  |
| X          | WO 00/79796 A (EAST WEST MEDICAL RES INST)<br>28 December 2000 (2000-12-28)   | 1                     |
| A          | page 4, line 1 - page 5, line 7   | 2-30                  |
|            | -----<br>-/-  |                       |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

16 March 2004

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16/04/2004

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
|--|--|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| A  | US 6 091 777 A (RITCHEY FREDRIC W ET AL)<br>18 July 2000 (2000-07-18)<br>abstract<br>column 1, line 57 - column 2, line 22;<br>claim 1   | 1-31                  |
| A  | -----<br>DATABASE WPI<br>Section EI, Week 200267<br>Derwent Publications Ltd., London, GB;<br>Class W02, AN 2002-624861<br>XP002273649<br>& KR 2002 025 170 A (BAEK S G)<br>3 April 2002 (2002-04-03)<br>abstract<br>----- | 11,20,29              |

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| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s)  | Publication<br>date  |
|---|---|---------------------|---|--|
| DE 19829855                               | A | 10-06-1999          | KR 248007 B1<br>CN 1219076 A<br>DE 19829855 A1<br>GB 2332126 A ,B<br>JP 11187470 A    | 02-10-2000<br>09-06-1999<br>10-06-1999<br>09-06-1999<br>09-07-1999 |
| EP 1054563                                | A | 22-11-2000          | JP 2000332908 A<br>CN 1274238 A<br>EP 1054563 A1<br>US 2003085990 A1<br>US 6556235 B1 | 30-11-2000<br>22-11-2000<br>22-11-2000<br>08-05-2003<br>29-04-2003 |
| WO 0079796                                | A | 28-12-2000          | AU 5759900 A<br>WO 0079796 A1   | 09-01-2001<br>28-12-2000   |
| US 6091777                                | A | 18-07-2000          | NONE  |  |
| KR 2002025170                             | A | 03-04-2002          | NONE  |  |